Rhionaeschna mutata (Spatterdock Darner)

Report Date: January 13, 2016

Priority 3 Species of Greatest Conservation Need (SGCN)

Class: Insecta (Insects)

Order: Odonata (Dragonflies And Damselflies)

Family: Aeshnidae (Darners)

General comments:

Only observed at a few ponds; breeding needs to be confirmed but likely; further survey effort needed.

Species Conservation Range Maps for Spatterdock Darner:

Town Map: Rhionaeschna mutata Towns.pdf
Subwatershed Map: Rhionaeschna mutata HUC12.pdf

SGCN Priority Ranking - Designation Criteria:

Risk of Extirpation: NA

State Special Concern or NMFS Species of Concern:

Rhionaeschna mutata is listed as a species of Special Concern in Maine.

Recent Significant Declines: NA

Regional Endemic: NA

High Regional Conservation Priority: NA High Climate Change Vulnerability: NA

Understudied rare taxa:

Recently documented or poorly surveyed rare species for which risk of extirpation is potentially high (e.g. few known occurrences) but insufficient data exist to conclusively assess distribution and status. *criteria only qualifies for Priority 3 level SGCN*

Notes: Only observed at a few ponds; breeding needs to be confirmed but likely; further survey effort needed.

Historical: NA

Culturally Significant: NA

Habitats Assigned to Spatterdock Darner:

Formation Name	Borea	l Upland Forest
Macrogroup Name		Boreal Upland Forest

Formation Name Freshwater Aquatic

Macrogroup Name Lakes and Ponds

Habitat System Name: Eutrophic **Primary Habitat** Notes: where water lilies present

Habitat System Name: Lakes and Ponds Macrogroup - Unknown habitat system **Primary Habitat** Notes: primary;

range of habitat system use undocumented; where water lilies present

Formation Name Freshwater Marsh

Macrogroup Name Emergent Marsh

Habitat System Name: Laurentian-Acadian Freshwater Marsh **Primary Habitat** Notes: where water lilies present

Formation Name Northeastern Upland Forest

Macrogroup Name Central Oak-Pine

Stressors Assigned to Spatterdock Darner:

No Stressors Currently Assigned to Spatterdock Darner or other Priority 3 SGCN.

Species Level Conservation Actions Assigned to Spatterdock Darner:

Insects Group Page 1 of 2

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No Species Specific Conservation Actions Currently Assigned to Spatterdock Darner or other Priority 3 SGCN.

Conservation Actions Associated with the Palustrine Odonates Guild:

Conservation Action Category: Research Biological Priority: high Type: new

Prepare a statewide atlas and conservation assessment.

Stressor(s) Addressed By This Conservation Action

Lack of knowledge

Broad Taxonomic Group Conservation Actions:

Additional relevant conservation actions for this species are assigned within broader taxonomic groups in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-1.

Habitat Based Conservation Actions:

Additional conservation actions that may benefit habitat(s) associated with this species can be found in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-15. Click on the Habitat Grouping of interest to launch a habitat based report summarizing relevant conservation actions and associated SGCN.

The Wildlife Action Plan was developed through a lengthy participatory process with state agencies, targeted conservation partners, and the general public. The Plan is non-regulatory. The species, stressors, and voluntary conservation actions identified in the Plan complement, but do not replace, existing work programs and priorities by state agencies and partners.